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(54) X-RAY TUBE FOR ANALYSIS

(57) Abstract:

PROBLEM TO BE SOLVED: To provide an X-ray tube for analysis, allowing the reduction of a distance between an X-ray emission window and anode target surface, and having the capability of supplying an X-ray of high output and purity.

SOLUTION: An X-ray tube for analysis has a target support body 4 within a vacuum envelope 1, and an anode target 9 for generating an X-ray is secured to the target support body 4. Furthermore, a Wehnelt electrode 10 and a cathode filament 2 are arranged around the anode target 9. Also, the vacuum envelope 1 is provided with an X-ray emission window 6, so as to be faced to the anode target 9, and this anode target 9 is formed to trapezoidal rotor shape.

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